

| Surface Water Manhole Schedule |              |                    |                     |                               |                          |                                |          |
|--------------------------------|--------------|--------------------|---------------------|-------------------------------|--------------------------|--------------------------------|----------|
| Structure Reference            | Chamber Type | Cover Level (mAOD) | Depth to Invert (m) | Cover Details                 | Pipe Invert Level (mAOD) | Coordinates E, N               | Comments |
| B-SWDC53                       | 450Ø Type D  | 223.887            | 1.921               | Type: B125<br>Size: 450 x 450 | 150 Ø = 221.966 (OUT)    | E: 411428.600<br>N: 414593.404 | RAPPIC   |
| B-SWDC57                       | 450Ø Type D  | 225.304            | 1.998               | Type: D400<br>Size: 450 x 450 | 150 Ø = 223.306 (OUT)    | E: 411416.339<br>N: 414589.789 | RAPPIC   |
| B-SWDC59                       | 450Ø Type D  | 227.068            | 1.355               | Type: B125<br>Size: 450 x 450 | 150 Ø = 225.713 (OUT)    | E: 411371.575<br>N: 414593.003 | RAPPIC   |
| B-SWDC63                       | 450Ø Type D  | 227.424            | 1.351               | Type: B125<br>Size: 450 x 450 | 150 Ø = 226.073 (OUT)    | E: 411370.966<br>N: 414533.869 | RAPPIC   |
| B-SWDC80                       | 450Ø Type D  | 227.898            | 1.363               | Type: B125<br>Size: 450 x 450 | 150 Ø = 226.535 (OUT)    | E: 411355.713<br>N: 414573.288 | RAPPIC   |
| B-SWDC82                       | 450Ø Type D  | 231.386            | 1.573               | Type: B125<br>Size: 450 x 450 | 150 Ø = 229.813 (OUT)    | E: 411297.281<br>N: 414565.609 | RAPPIC   |
| B-SWDC84                       | 450Ø Type D  | 231.321            | 2.336               | Type: D400<br>Size: 450 x 450 | 150 Ø = 228.985 (OUT)    | E: 411295.276<br>N: 414586.554 | RAPPIC   |
| B-SWDC94                       | 450Ø Type D  | 231.985            | 1.635               | Type: D400<br>Size: 450 x 450 | 150 Ø = 230.350 (OUT)    | E: 411254.579<br>N: 414660.455 | RAPPIC   |
| B-SWDC104                      | 450Ø Type D  | 230.682            | 1.415               | Type: B125<br>Size: 450 x 450 | 150 Ø = 229.268 (OUT)    | E: 411311.142<br>N: 414575.641 | RAPPIC   |
| B-SWDC106                      | 450Ø Type D  | 227.573            | 2.662               | Type: B125<br>Size: 450 x 450 | 150 Ø = 224.911 (OUT)    | E: 411349.712<br>N: 414595.353 | RAPPIC   |
| B-SWDC118                      | 450Ø Type D  | 231.523            | 1.705               | Type: B125<br>Size: 450 x 450 | 150 Ø = 229.818 (OUT)    | E: 411276.094<br>N: 414657.042 | RAPPIC   |
| B-SWDC121                      | 450Ø Type D  | 225.508            | 1.762               | Type: B125<br>Size: 450 x 450 | 150 Ø = 223.746 (OUT)    | E: 411395.093<br>N: 414616.300 | RAPPIC   |
| B-SWDC129                      | 1200Ø Type B | 222.384            | 1.934               | Type: D400<br>Size: 600 x 600 | 150 Ø = 220.450 (OUT)    | E: 411405.267<br>N: 414689.589 | RAPPIC   |
| B-SWDC132                      | 450Ø Type D  | 221.639            | 1.530               | Type: B125<br>Size: 450 x 450 | 150 Ø = 220.109 (OUT)    | E: 411403.815<br>N: 414735.293 | RAPPIC   |
| B-SWDC134                      | 450Ø Type D  | 224.348            | 1.605               | Type: B125<br>Size: 450 x 450 | 150 Ø = 222.744 (OUT)    | E: 411351.586<br>N: 414723.840 | RAPPIC   |
| B-SWDC139                      | 450Ø Type D  | 221.503            | 1.684               | Type: B125<br>Size: 450 x 450 | 150 Ø = 219.819 (OUT)    | E: 411402.921<br>N: 414744.652 | RAPPIC   |
| B-SWDC156                      | 450Ø Type D  | 222.780            | 1.780               | Type: B125<br>Size: 450 x 450 | 150 Ø = 221.001 (OUT)    | E: 411348.319<br>N: 414830.859 | RAPPIC   |
| B-SWDC169                      | 450Ø Type D  | 231.293            | 1.379               | Type: B125<br>Size: 450 x 450 | 150 Ø = 229.914 (OUT)    | E: 411222.008<br>N: 414762.651 | RAPPIC   |
| B-SWDC174                      | 450Ø Type D  | 230.963            | 1.873               | Type: B125<br>Size: 450 x 450 | 150 Ø = 229.090 (OUT)    | E: 411254.228<br>N: 414746.298 | RAPPIC   |
| B-SWDC196                      | 450Ø Type D  | 232.513            | 1.613               | Type: D400<br>Size: 450 x 450 | 150 Ø = 230.900 (OUT)    | E: 411164.658<br>N: 414767.626 | RAPPIC   |

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| B-SWDC201                      | 450Ø Type D  | 228.535            | 1.409               | Type: D400<br>Size: 450 x 450 | 150 Ø = 227.126 (OUT)    | E: 411225.483<br>N: 414810.843 | RAPPIC   |
| B-SWDC204                      | 450Ø Type D  | 227.273            | 2.273               | Type: B125<br>Size: 450 x 450 | 150 Ø = 225.000 (OUT)    | E: 411213.703<br>N: 414839.111 | RAPPIC   |
| B-SWDC425                      | 450Ø Type D  | 213.405            | 1.362               | Type: D400<br>Size: 450 x 450 | 150 Ø = 212.043 (OUT)    | E: 411549.089<br>N: 414654.085 | RAPPIC   |
| B-SWDC440                      | 450Ø Type D  | 221.304            | 1.350               | Type: B125<br>Size: 450 x 450 | 150 Ø = 219.954 (OUT)    | E: 411442.650<br>N: 414647.587 | RAPPIC   |
| B-SWDC446                      | 450Ø Type D  | 217.100            | 2.037               | Type: B125<br>Size: 450 x 450 | 150 Ø = 215.063 (OUT)    | E: 411497.770<br>N: 414653.990 | RAPPIC   |
| B-SWDC455                      | 450Ø Type D  | 214.865            | 1.868               | Type: B125<br>Size: 450 x 450 | 150 Ø = 212.997 (OUT)    | E: 411539.364<br>N: 414625.458 | RAPPIC   |
| B-SWDC461                      | 450Ø Type D  | 221.384            | 1.617               | Type: B125<br>Size: 450 x 450 | 150 Ø = 219.767 (OUT)    | E: 411449.701<br>N: 414638.528 | RAPPIC   |
| B-SWDC463                      | 1200Ø Type C | 217.286            | 1.381               | Type: D400<br>Size: 600 x 600 | 150 Ø = 215.905 (OUT)    | E: 411500.260<br>N: 414640.859 | RAPPIC   |
| B-SWDC467                      | 450Ø Type D  | 218.747            | 1.490               | Type: B125<br>Size: 450 x 450 | 150 Ø = 217.257 (OUT)    | E: 411497.367<br>N: 414587.247 | RAPPIC   |
| B-SWDC468                      | 1200Ø Type B | 219.704            | 3.000               | Type: D400<br>Size: 600 x 600 | 225 Ø = 216.704 (OUT)    | E: 411490.460<br>N: 414551.403 | RAPPIC   |

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| B-SW56a                        | 1350Ø Type B | 230.293            | 2.698               | Type: D400<br>Size: 600 x 600 | 225 Ø = 227.596 (IN)<br>225 Ø = 227.596 (OUT) | E: 411274.373<br>N: 414743.501 |          |
| B-SW56b                        | 1350Ø Type B | 225.652            | 1.594               | Type: D400<br>Size: 600 x 600 | 225 Ø = 223.800 (IN)<br>225 Ø = 223.800 (OUT) | E: 411318.207<br>N: 414737.585 |          |

**Do Not Scale**

**Drawing Notes**

Drawing & schedule based on the following information:  
 Architect's drawing/model: **AWSM - Countryside Collection Layout 23.09.2025**  
 Revision:  
 Received:  
 Topographic Survey: **3606-SU001-005\_ZS Surveys Ltd - Sitewide Topo with Added Trees (October 2023)\_For Information\_B\_1**  
 Revision:  
 Received:

Residual Hazards

**Health, Safety & Environmental Notes**

All Type C Manhole chambers under 1.5mØ to have 600 x 600 cover located centrally over the channel

|          |  |    |    |    |
|----------|--|----|----|----|
| 29.09.25 | Drawing updated to suit latest drainage design | AT | RP | P4 |
| 18.06.25 | Updated to suit latest architectural layout    | WD | AT | P3 |
| 20.05.25 | Drawing updated to suit new highway levels     | AT | RP | P2 |
| 07.02.25 | Initial Issue                                  | WD | AT | P1 |

| Date | Description | By | Chk | Rev |
|------|-------------|----|-----|-----|
|------|-------------|----|-----|-----|

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Project: **Blackmoorfoot, Huddersfield**

Title: **S104 BMF - SW Manhole Schedule Sheet 3 of 3**

Client: **Countryside Partnerships**

| Scale | Initial author | Initial checker | Approver | Initial Date |
|-------|----------------|-----------------|----------|--------------|
| NTS   | WD             | AT              | RP       | Feb '25      |

| Status | Purpose     | Adept Project Number |
|--------|-------------|----------------------|
| S2     | Preliminary | 08.24007             |

Project-Originator-Functional Breakdown-Spatial Breakdown-Form-Discipline-Number: **08.24007-ACE-00-ZZ-D-C-1313** Rev: **P4**

Refer to Drawing 1231 - 'S104 Agreement drainage details - sheet 1' for standard drainage notes